



44 case

Sheet 1 of 3

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

ATTORNEY DOCKET NO.

SERIAL NO.

1306

10/039,836

APPLICANT

Crane, et al.

FILING DATE

GROUP

10/23/01

## INFORMATION DISCLOSURE STATEMENT

### BY APPLICANT

(Use several sheets if necessary)

*RECEIVED*  
SEP 11 2002  
TECH CENTER 1600/2900

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

<i>HRK</i>	A1	Asao, et al., 1991, J. Biochem., 110: 951-955, <i>The Amino Acid Sequence of a Bowman-Birk Type Proteinase Inhibitor from Faba Beans (Vicia faba L.)</i>
	A2	Baek, et al., 1994, Biosci. Biotech. Biochem., 58(5): 843-846, <i>Nucleotide Sequence Homology of cDNAs Encoding Soybean Bowman-Birk Type Proteinase Inhibitor and Its Isoinhibitors</i>
	A3	Gariani, et al., 1997, J. Peptide Res., 49: 467-475, <i>Stability of protease inhibitors based on the Bowman-Birk reactive site loop to hydrolysis by proteases</i>
	A4	Kimura, et al., 1994, J. Biochem., 115: 369-372, <i>On a Bowman-Birk Family Proteinase Inhibitor from Erythrina variegata Seeds</i>
	A5	Morita, et al., 1996, J. Biochem., 119: 711-718, <i>Partial Purification and Characterization of a Novel Soybean Protease Which is Inhibited by Kunitz and Bowman-Birk Trypsin Inhibitors</i>
	A6	Rohrmeier, et al., 1993, Plant Mol. Biol., 22: 783-792, <i>WIP1, a wound-inducible gene from maize with homology to Bowman-Birk proteinase inhibitors</i>
	A7	Hendriks, et al., 1991, Plant Mol. Biol., 17: 385-394, <i>Patatin and four serine proteinase inhibitor genes are differentially expressed during potato tuber development</i>
<i>HRK</i>	A8	Stiekema, et al., 1988, Plant Mol. Biol., 11: 255-269, <i>Molecular cloning and analysis of four potato tuber mRNAs</i>

EXAMINER

DATE CONSIDERED

*2/11/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEP 09 2002

Sheet 2 of 3PTO-1449  
FEB 2002

U.S. Department of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.	SERIAL NO.
		1306	10/039,836
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT	
		Crane, et al.	
		FILING DATE	GROUP
		10/23/01	

RECEIVED  
JULY 11 2002

CENTER 1600/2002

## OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

A9	Baek, et al., 1993, Plant Physiol., 102: 687, <i>Nucleotide Sequence of a cDNA Encoding Soybean Bowman-Birk Proteinase Inhibitor</i>
A10	Ferrasson, et al., 1995, J. of Protein Chem., 14(6): 467-475, <i>Amino Acid Sequence of a Bowman-Birk Proteinase Inhibitor from Pea Seeds</i>
A11	Cipollini, Donald, 1998, Am. J. Bot., 85(11): 1586-1591, <i>The Induction of Soluble Peroxidase Activity in Bean Leaves by Wind-Induced Mechanical Perturbation</i>
A12	Weder, et al., 1998, J. Sci Food Agric., 78: 429-434, <i>Isolation and Characterisation of Four Trypsin-Chymotrypsin Inhibitors from Lentil Seeds</i>
A13	Seerama, et al., 1998, J. Agric. Food Chem., 46: 2596-2600, <i>Bowman-Birk Type Proteinase Inhibitor Profiles of Horse Gram (Dolichos biflorus) during Germination and Seed Development</i>
A14	Gariani, et al., 1999, Biochim. et Biophysica Acta, 1431: 232-237, <i>The role of the P<sub>2'</sub> position of Bowman-Birk proteinase inhibitor in the inhibition of trypsin: Studies on P<sub>2'</sub> variation in cyclic peptides encompassing the reactive site loop</i>
A15	Chen, et al., 2000, Physiol. Mol. Plant P., 56: 13-23, <i>Defense enzymes induced in cucumber roots by treatment with plant growth-promoting rhizobacteria (PGPR) and Pythium aphanidermatum</i>
A16	McBride, et al., 1998, J. Mol. Biol., 282: 447-457, <i>The Role of Threonine in the P<sub>2</sub> Position of Bowman-Birk Proteinase Inhibitors: Studies on P<sub>2</sub> Variation in Cyclic Peptides Encompassing the Reactive Site Loop</i>
A17	Duvick, Jon, 2001, Enviro. Health Perspec., 109 (Supp): 337-342, <i>Prospects for Reducing Fumonisin Contamination of Maize through Genetic Modification</i>
A18	Walbot., V., 1999, GenBank Accession No. AW134420, <i>Maize ESTs from various cDNA libraries sequenced at Stanford University</i>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 3 of 3

U.S. Department of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. 1306	SERIAL NO. 10/039,836
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Crane, et al.	
		FILING DATE 10/23/01	GROUP

RECEIVED  
SEP 11 2002  
TECH CENTER 1600/2000

**OTHER DOCUMENTS** (Including Author, Title, Date Pertinent Pages, Etc.)

A19	Walbot, V., 1999, GenBank Accession No. AI861764, <i>Maize ESTs from various cDNA libraries sequenced at Stanford University</i>
A20	Joubert, et al., 1979, Eur. J. Biochem., 97: 85-91, <i>Purification, some properties and the complete primary structures of two protease inhibitors (DE-3 and DE-4) from Macrotyloma axillare seed</i>
A21	Walbot, V., 1999, GenBank Accession No. AW000581, <i>Maize ESTs from various cDNA libraries sequenced at Stanford University</i>
A22	Shoemaker, et al., 1999, GenBank Accession No. BG157740, <i>Public Soybean EST Project</i>
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.